



Ionic Channels in Cells and Model Systems (Paperback)

By -

Springer-Verlag New York Inc., United States, 2013. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.This book is based on a series of lectures for a course on ionic channels held in Santiago, Chile, on November 17-20, 1984. It is intended as a tutorial guide on the properties, function, modulation, and reconstitution of ionic channels, and it should be accessible to graduate students taking their first steps in this field. In the presentation there has been a deliberate emphasis on the specific methodologies used toward the understanding of the workings and function of channels. Thus, in the first section, we learn to read single-channel records: how to interpret them in the theoretical frame of kinetic models, which information can be extracted from gating currents in relation to the closing and opening processes, and how ion transport through an open channel can be explained in terms of fluctuating energy barriers. The importance of assessing unequivocally the origin and purity of membrane preparations and the use of membrane vesicles and optical techniques in the study of ionic channels are also discussed in this section. The patch-clamp technique has made it possible to...



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Reviews

Comprehensive guide! Its this sort of very good go through. It generally is not going to price too much. Its been designed in an remarkably basic way which is simply following i finished reading this pdf where really changed me, affect the way i really believe.

-- Prof. Jeremie Blanda DDS

Thorough information! Its this kind of very good read. It is wriiter in basic words and not hard to understand. You wont feel monotony at anytime of your respective time (that's what catalogues are for regarding should you question me).

-- Roel Bogisich Sr.